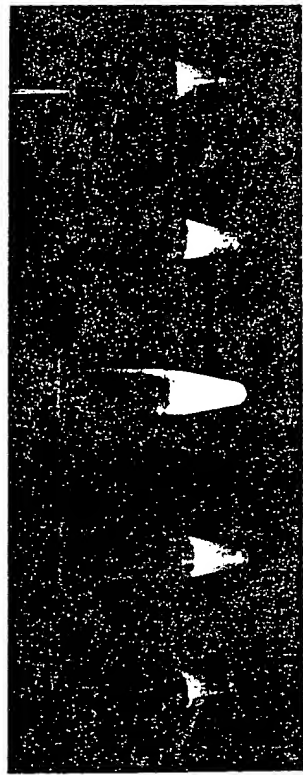


FIG. 1

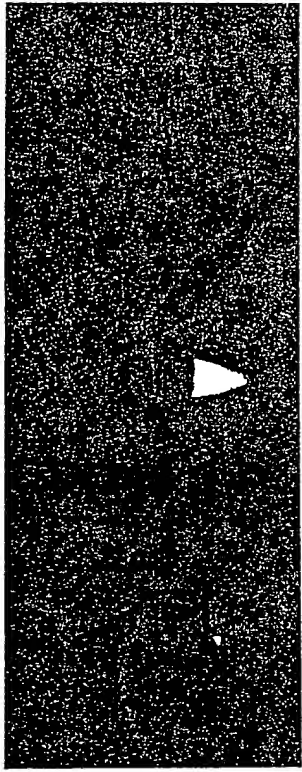
- 0 cycles of PCR:
- 1 = no primers
 - 2 = DQa primers + no target DNA
- 25 cycles of PCR:
- 3 = DQa primers + DQa target
 - 4 = DQa primers + DQb target
 - 5 = DQa primers + no target

1 2 3 4 5



2 second exposure

1 2 3 4 5



1/2 second exposure

In-tube, homogeneous detection of PCR product by EtBr fluorescence

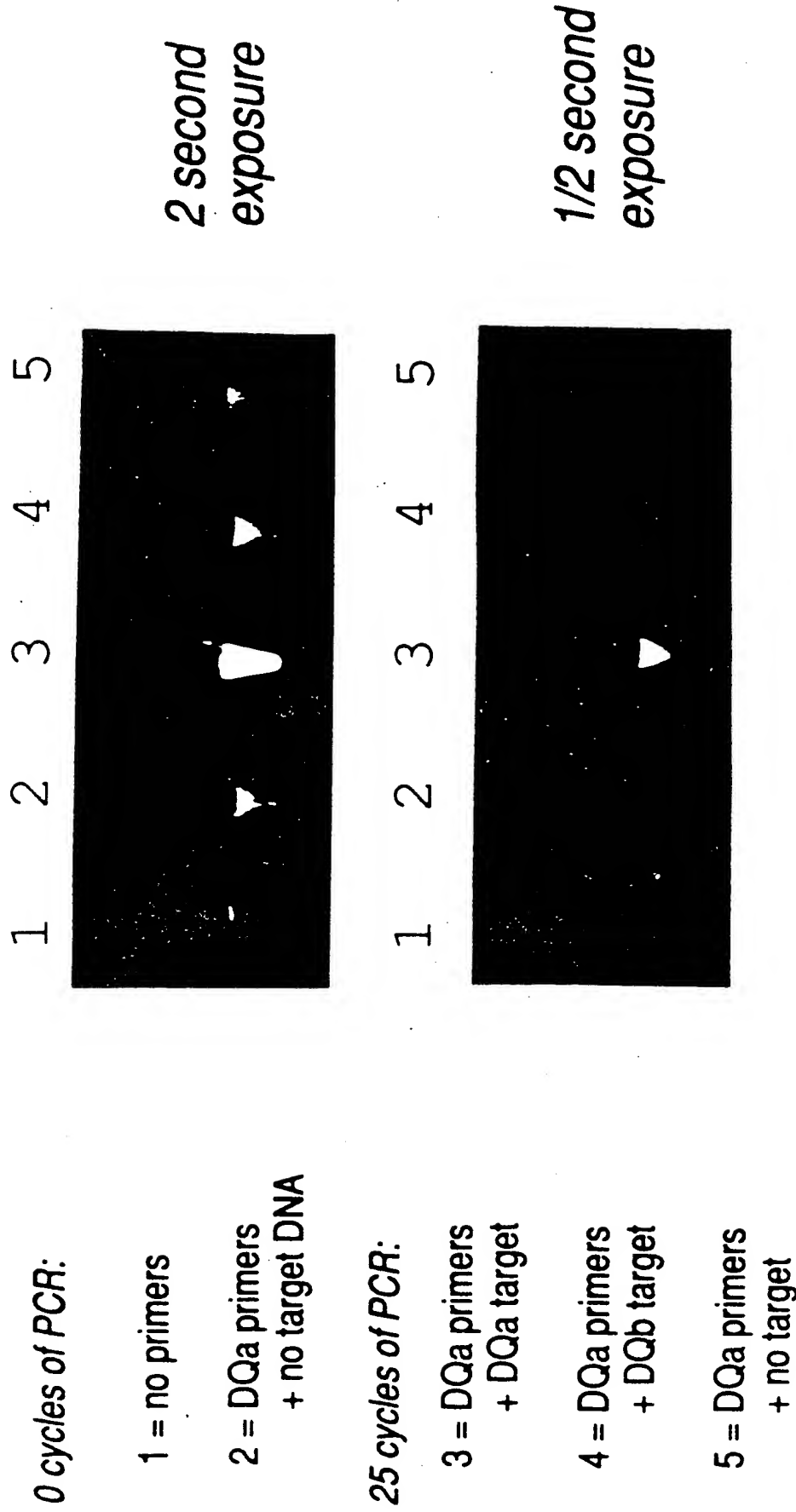


Fig 1

EtBr fluorescence measurement over PCR time-course: male DNA detection

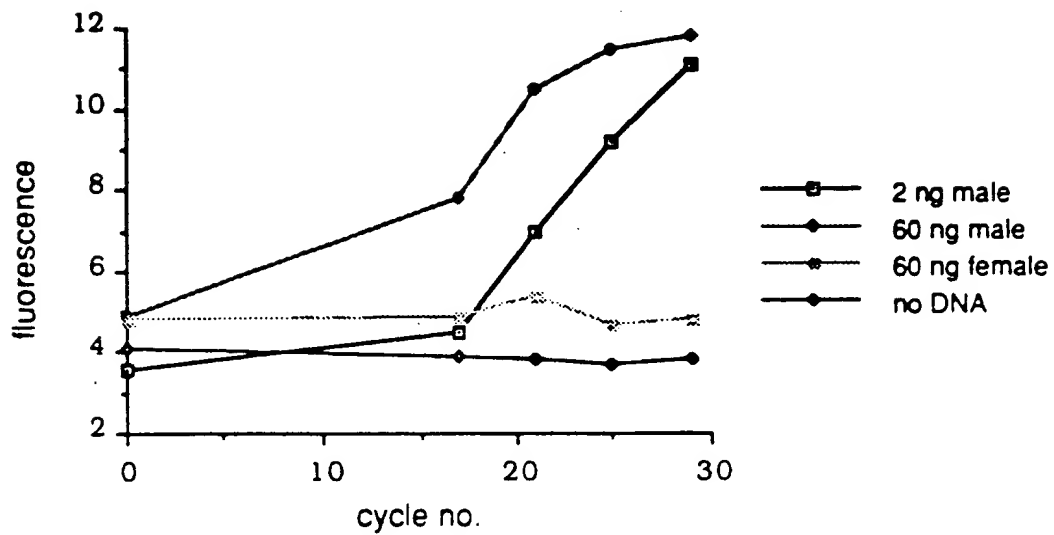


Fig 2

EtBr-Fluorescence/PCR screen for Sickle Cell Anemia

*In tube detection of allele-specific
amplification product*

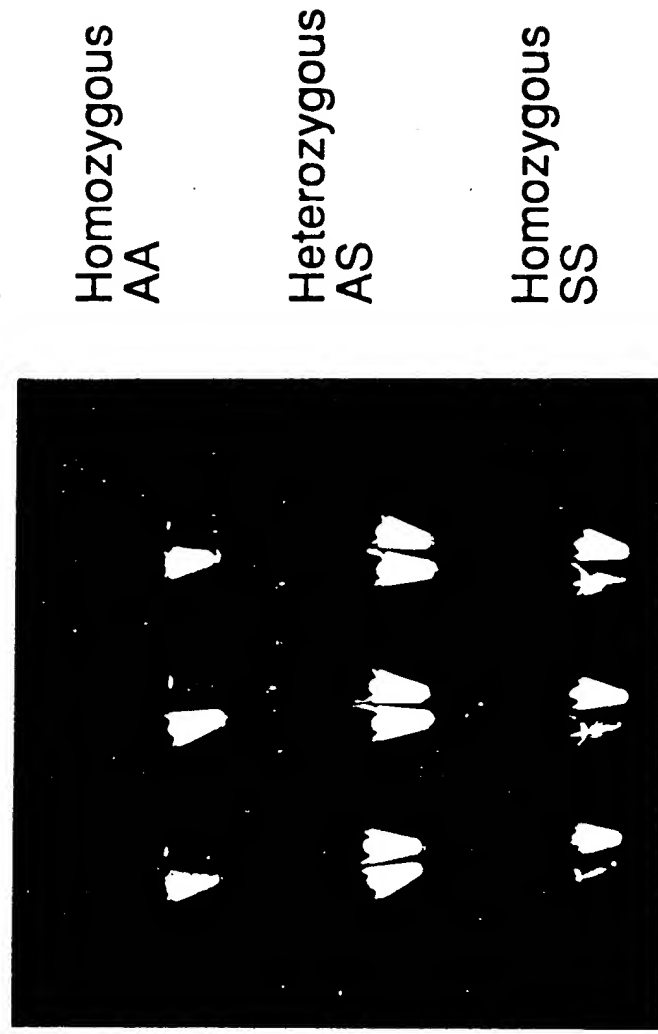


Fig 3

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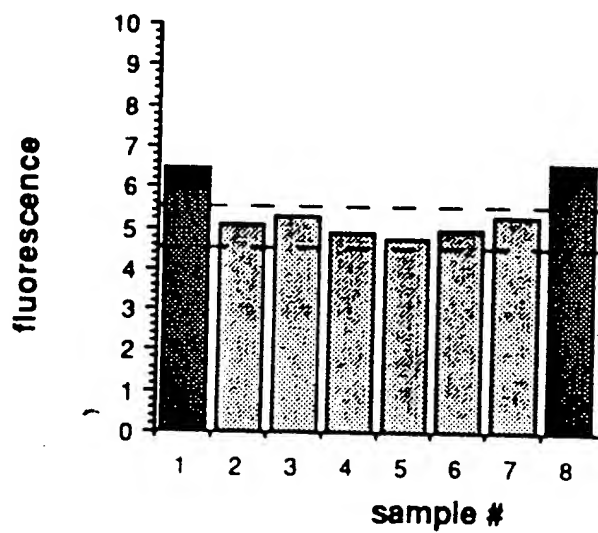


Figure 4B

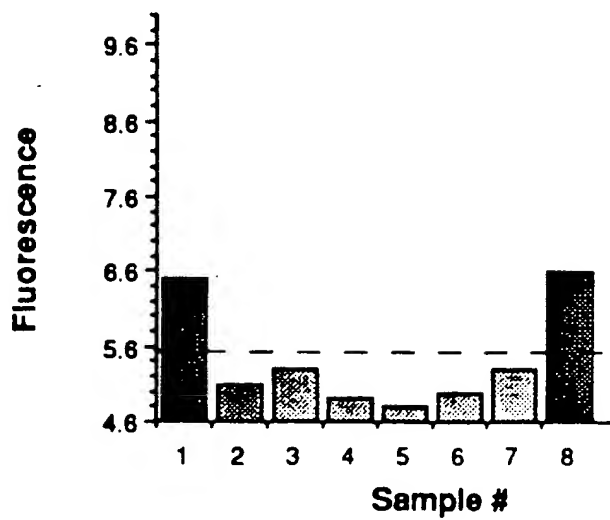


Figure 3A

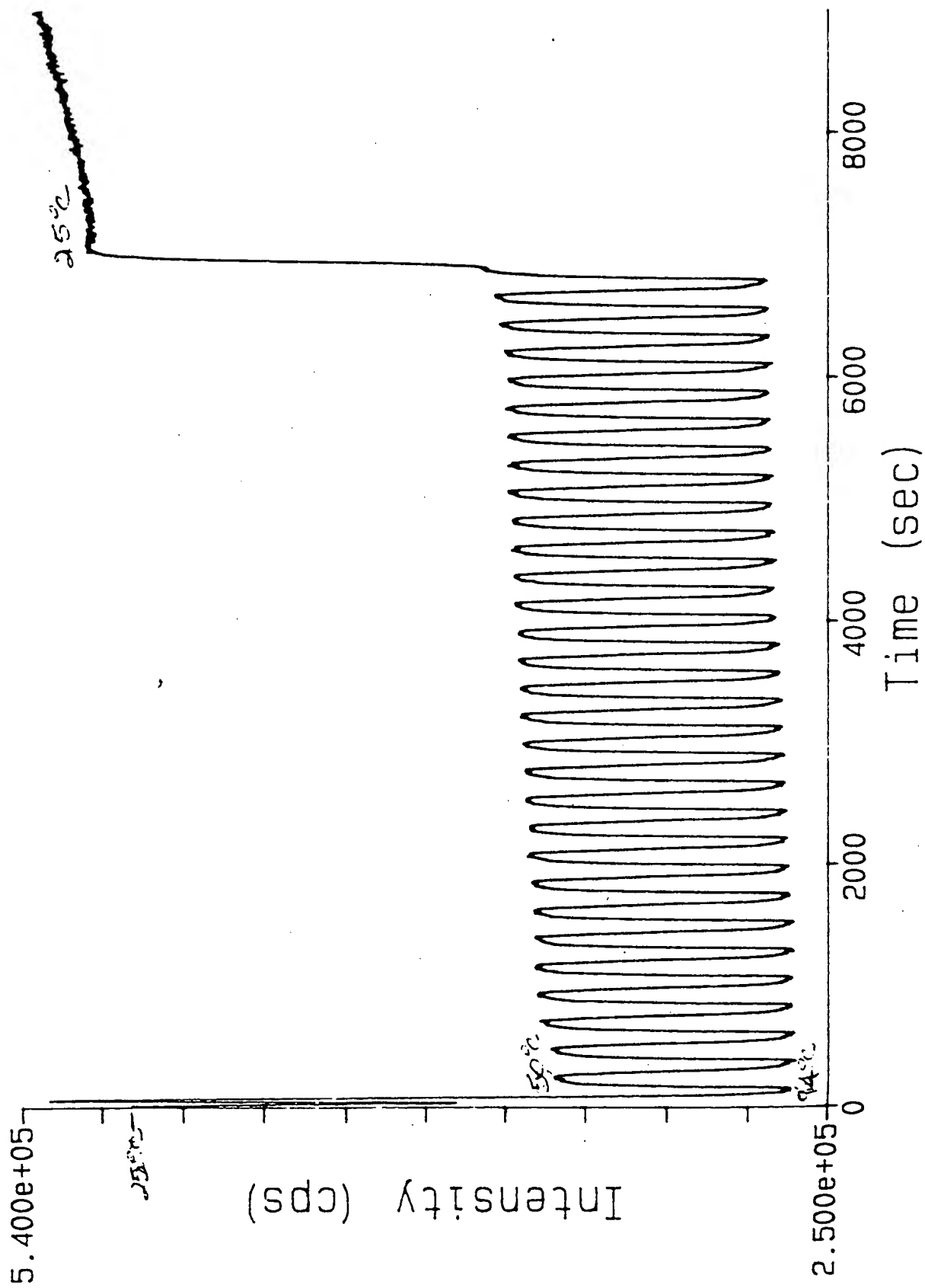


Figure 5B

